 17681 U.S. PTO 022304	UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. 22884/04085	
			First Inventor Arthur M. Brown	
	Title	Method of Inducing Apoptosis in Hyperproliferative Cells		
	Express Mail Label No. EL085076594US		6834 U.S. PTO 40784528	
	Deposited by Robert Watts			

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	ADDRESS TO: Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
--	---

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>37</u>] (preferred arrangement set forth below)</p> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>14</u>]</p> <p>5. Oath or Declaration [Total Sheets <u>2</u>]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input checked="" type="checkbox"/> paper</p> <p>c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</p>
--	---

ACCOMPANYING APPLICATION PARTS	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)	<input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent	
17. <input checked="" type="checkbox"/> Other: <u>Copy of Response to Office Action for parent application</u>	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/000,778

Prior application information: Examiner Davis, Minh Tam B Art Unit: 1642

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number: <u>24024</u>		OR <input type="checkbox"/> Correspondence address below			
Name					
Address					
City	State	Zip Code			
Country	Telephone	Fax			

Name (Print/Type)	<u>Pamela A. Docherty</u>	Registration No. (Attorney/Agent)	<u>40,591</u>
Signature	<u>Pamela A. Docherty</u>	Date	<u>February 23, 2004</u>

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		22884/04085
First Inventor		Arthur M. Brown
Title	Method of Inducing Apoptosis in	
Express Mail Label No.		EL085076594US
Deposited by		Robert Watts

CERTIFICATE OF EXPRESS MAILING

Date of Deposit: February 23, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Robert Watts

Name of Person Signing (Type or Print)

Signed: Robert Watts

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 498

Complete if Known

Application Number Not yet assigned

Filing Date Concurrently herewith

First Named Inventor Arthur M. Brown

Examiner Name Not yet assigned

Art Unit Not yet assigned

Attorney Docket No. 22884/04085

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			385

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	3	-20** =	3	X 9	= 27
Independent Claims	5	-3** =	2	X 43	= 86
Multiple Dependent					

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 113

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051 130		2051 65		Surcharge - late filing fee or oath	
1052 50		2052 25		Surcharge - late provisional filing fee or cover sheet	
1053 130		1053 130		Non-English specification	
1812 2,520		1812 2,520		For filing a request for ex parte reexamination	
1804 920*		1804 920*		Requesting publication of SIR prior to Examiner action	
1805 1,840*		1805 1,840*		Requesting publication of SIR after Examiner action	
1251 110		2251 55		Extension for reply within first month	
1252 420		2252 210		Extension for reply within second month	
1253 950		2253 475		Extension for reply within third month	
1254 1,480		2254 740		Extension for reply within fourth month	
1255 2,010		2255 1,005		Extension for reply within fifth month	
1401 330		2401 165		Notice of Appeal	
1402 330		2402 165		Filing a brief in support of an appeal	
1403 290		2403 145		Request for oral hearing	
1451 1,510		1451 1,510		Petition to institute a public use proceeding	
1452 110		2452 55		Petition to revive - unavoidable	
1453 1,330		2453 665		Petition to revive - unintentional	
1501 1,330		2501 665		Utility issue fee (or reissue)	
1502 480		2502 240		Design issue fee	
1503 640		2503 320		Plant issue fee	
1460 130		1460 130		Petitions to the Commissioner	
1807 50		1807 50		Processing fee under 37 CFR 1.17(q)	
1806 180		1806 180		Submission of Information Disclosure Stmt	
8021 40		8021 40		Recording each patent assignment per property (times number of properties)	
1809 770		2809 385		Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770		2810 385		For each additional invention to be examined (37 CFR 1.129(b))	
1801 770		2801 385		Request for Continued Examination (RCE)	
1802 900		1802 900		Request for expedited examination of a design application	

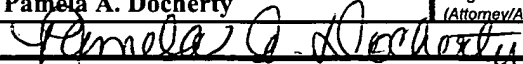
Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Pamela A. Docherty	Registration No. (Attorney/Agent)	40,591	Telephone	
Signature		Date	July 23, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

24024

CERTIFICATE OF MAILING

I hereby certify that this TRANSMITTAL is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 23rd day of February, 2004.

Typed or Printed name of person signing this certificate:

Wendy A. Frick

Signed:

Wendy A. Frick

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Brown, et al.

Serial No.: 10/000,778

Filed: October 31, 2001

For: **METHODS OF INDUCING APOPTOSIS)
IN HYPERPROLIFERATIVE CELLS)**

Examiner: Davis, Minh Tam B

Group Art Unit: 1642

Attorney Docket No.: 22884/04047

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

TRANSMITTAL OF RESPONSE TO OFFICE ACTION

Sir:

Transmitted herewith are the following:

1. Response to Office Action;
2. Petition for Extension of Time Under 37 CFR 1.136(a);
3. A check in the amount of \$475.00 as payment of the extension fee; and
4. Return receipt postcard.

It is believed that no further fee is required relating to the filing of this Response. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: February 23, 2004

By:

Pamela A. Docherty
Pamela A. Docherty, Reg. No. 40,591
(216) 622-8416

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional) 22884/04047
In re Application of Brown, et al.		
Application Number 10/000,778		Filed October 31, 2001
For Methods of Inducing Apoptosis in Hyperproliferative Cells		
Group Art Unit 1642		Examiner Davis, Minh Tam B

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ _____
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ _____
<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ <u>950</u>
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$ _____

☒ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ 475.

☒ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.

☐ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor

☐ assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ attorney or agent of record.

☐ attorney or agent under 37 CFR 1.34(a).
Registration number if acting under 37 CFR 1.34(a) _____.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

February 23, 2004

Date

Pamela A. Docherty

Signature

Pamela A. Docherty, Reg. No. 40,591

Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

24024

CERTIFICATE OF MAILING

I hereby certify that this RESPONSE is being deposited with the U.S. Postal Service, with sufficient postage, as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 23rd day of February, 2004

Typed or Printed name of person signing this certificate:

Wendy A. Frick

Signed: _____

Wendy A. Frick

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Brown, et al.

Serial No.: 10/000,778

Filed: October 31, 2001

For: **METHODS OF INDUCING APOPTOSIS)
IN HYPERPROLIFERATIVE CELLS)**

) Examiner: Davis, Minh Tam B
)
)
) Group Art Unit: 1642
)
)
)
) Attorney Docket No.: 22884/04047

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

Dear Sir:

In response to the non-final Office Action mailed August 28, 2003, Applicants are filing concurrently herewith a continuation application.

Respectfully submitted,

Date: _____

February 23, 2004

by: _____

Pamela A. Docherty
Pamela A. Docherty, Reg. No. 40,591
(216) 622-8416